

*jULY 28 DRAFT*

*(endnotes are included for information and would not be tabled)*

## RESOLUTION 101 (

~~Minneapolis~~ Rev Antalya, 19982006)

### **Internet Protocol (IP)-based networks**

The Plenipotentiary Conference of the International Telecommunication Union ( ~~Minneapolis~~ Antalya, 19982006),

*considering*

a) that advances in the global information infrastructure, including the development of Internet Protocol (IP)-based networks and especially the Internet, are an issue of crucial importance to the future, as an important engine for growth in the world economy in the twenty-first century;

b) that the increased use of the Internet is replacing existing services and introducing new ones based on its highly advanced technology

~~∴ the utilization of e-mail has become commonplace, voice over Internet is being developed rapidly~~ and through, as the World Summit on the Information Society (WSIS) identified, innovation and value creation at the edges (see Note 1);

c) that IP-based networks will continue to introduce dramatic changes in the way we acquire, produce, circulate and consume information;

d)

The WSIS Declaration of Principles ~~(paragraph 9)~~ recognized the broader impact of this technology including:

i) “that an essential foundation of the Information Society” is “Article 19 of the Universal Declaration of Human Rights, that everyone has the right to freedom of opinion and expression; that this right includes freedom to hold opinions without interference and to seek, receive and impart information and ideas through any media and regardless of frontiers” (Paragraph 4)”, and

ii) ~~and~~ “that ICTs should be regarded as tools and not as an end in themselves. Under favourable conditions, these technologies can be a powerful instrument, increasing productivity, generating economic growth, job creation and employability and improving the quality of life of all. They can also

promote dialogue among people, nations and civilizations.” (Paragraph 9)

e) The WSIS Declaration of Principles (paragraph 64) identified areas in which the ITU could work with others to create a more inclusive Information Society: ”The core competencies of the International Telecommunication Union (ITU) in the fields of ICTs — assistance in bridging the digital divide, international and regional cooperation, radio spectrum management, standards development and the dissemination of information — are of crucial importance for building the Information Society”.

~~that active discussions are being held in international and regional organizations on electronic commerce over IP-based networks,~~

*considering further*

a) that ~~a study has started in~~ the Telecommunication Development Sector (ITU-D) has made significant progress on the promotion of infrastructure and the use of the Internet in developing countries through its Istanbul Action Plan and through human capacity building efforts such as its Internet Training Center Initiative; the 2006 Doha Action Plan further expands these efforts

b) that ~~studies have already started in~~ the Telecommunication Standardization Sector (ITU-T) has had extensive activities related to on IP-based network standards issues, including its program of work on IP-based Next Generation Network to enable users to access data, video, voice and mobility services and applications by continuing to work closely with service interoperability with other telecommunication networks, numbering, signalling requirements and protocol aspects, security and infrastructure component costs;

~~c) — that a general cooperation agreement between ITU-T and the Internet Society (ISOC), and its the Internet Engineering Task Force (IETF) and other standards-related organizations that have leadership functions in these fields~~ has recently been established,

~~{e) that ITU publications such as “A Handbook on Internet Protocol (IP)-Based~~

~~Networks and Related Topics and Issues provided valuable information not only of IP-based network issues but of the many existing organizations that are working on issues related to IP-based networks.}, and (AKR Note: This “considering further” element is in square brackets while this reference is examined more carefully to ensure its appropriateness in this context.)~~

~~dc {~~ ~~identified as] [are]~~  
~~ing~~ to make the Internet providing opportunities for people and organizations to

continue to contribute to the evolution and growth of highly robust, dynamic and geographically diverse medium that it is today Internet and other IP-based networks.

~~Editor's Note: The ITU has a publication, "A Handbook on Internet Protocol (IP)-Based~~

~~Networks and Related Topics and Issues", drafted in the 2003-04 timeframe and approved for publication in 2005 by the ITU Council, that provided valuable information. However, since development of this publication, significant activities in industry led-groups, as well as related to the WSIS process, seem to make citation of the current version of this document inappropriate. In the US Plenipotentiary delegation discussions, consideration should be given to the possibility of a proposal for an update to this Handbook and the appropriate US position given all the priorities and available resources.~~

*recognizing*

a) that IP-based networks have evolved to a widely accessible medium used for global commerce and communication, and there is therefore a need to identify the global activities related to IP-based networks  
~~with respect to, for example:~~

~~i) — infrastructure, interoperability and standardization;~~

~~ii) — Internet naming and addressing;~~

~~iii) — dissemination of information about IP-based networks and the implications of their development for ITU Member States, particularly the least developed countries;~~

~~b) — that significant work on IP-related issues is being conducted within ITU and many other international bodies;~~

~~c) — that it is in the public interest that IP-based networks and other telecommunication networks should be able to interoperate so as to provide the quality of service required by users~~

b) that important work such as this should be reflected within the Strategic and Operational Plans, and that the specific activities undertaken in areas such as IP-based networks should be supportive of those plans, and

c) that related work performed in cooperation with other organizations or by those other organizations can be important to the strategic objectives of the Union;

*encourages*

a) ITU-T to continue its collaborative activities on IP-based networks with the ISOC/ and the IETF to continue to enhance cooperation;

b) all Sectors to ~~consider their future~~continue to progress their work programmes on IP-based networks,

*resolves*

1 that ITU shall fully embrace the opportunities for telecommunication development that arise from the growth of IP-based services and the promotion of the favourable conditions/enabling environment that can help to make potential opportunities into realities;

2 that ITU shall clearly identify, for its Member States and Sector Members and for the general public, the range of Internet-related issues that fall within the responsibilities incumbent on the Union under its Constitution;

3 that ITU shall collaborate with other relevant organizations to ensure that growth in IP networking delivers maximum benefits to the global community, and participate as appropriate in any directly related international initiative,

*instructs the*

Secretary General and ~~Secretary-General~~ Directors of the Bureau

1 to include ~~to prepare a report to~~ in their respective reports to the Council, ~~as soon as possible,~~ with the appropriate input from Member States, Sector Members, ~~the three Sectors~~ and the General Secretariat, ~~that provides~~ a comprehensive summary both of the activities that ITU is already undertaking in regard to IP-based networks and of the roles and activities of other relevant international organizations, describing their involvement in IP-based network issues; the report shall indicate how each role and activity relates to Strategic and Operation Plan and ITU Mission, the budgetary impact, and the degree of cooperation between ITU and these organizations and their respective roles, drawing the required information wherever possible from existing sources, ~~and shall be for distributed~~ distribution widely among the Member States and Sector Members, the advisory bodies of the three Sectors and other groups involved;

2 based on th ese reports ~~report summary~~ and feedback from Council, to consult with other international bodies on

any need for ITU to start additional collaborative activities related to IP-based networks,

invites the Council

to consider the above-mentioned

**report summary** report and, if appropriate, recommend further steps,

*invites the Member States and Sector Members*

- 1 to participate in and follow the progress of the current work of the Sectors of the Union;
- 2 to increase awareness at national level among all interested non-governmental parties and to encourage their participation in relevant ITU activities.

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Endnotes:

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1) In paragraphs 54 and 55 of the Tunis Agenda, WSIS recognized the value of innovation at the edges. This acknowledgment highlights the “genius of the Internet” in its [ability to empower people \(democratization; creativity, competition, etc\)](#). The phrase is not intended to suggest that the [network does not and can not contribute to end-to-end functionality and to enhancing the ability of users to innovate at the edges](#).

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2) The ITU has a publication, “

